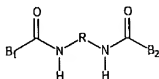


## AMENDMENT TO THE CLAIMS

The following claim set replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) Process for preparing a high-molecular weight polymer product consisting of a polyamide, copolyamide or polyester-amide block copolymer comprising the steps of melt-mixing a low-molecular weight feed polymer consisting of a polyamide or a mixture of a polyamide and a polyester having a lower molecular weight as compared to the high-molecular weight polymer product, ~~then the polymer obtained with the process of the invention,~~ with a diisocyanate, and reacting the low-molecular weight feed polymer consisting of ~~wherein~~ the polyamide or mixture of the polyamide and polyester ~~[[react]]~~ with the diisocyanate during the melt mixing to obtain the high-molecular weight polymer product, ~~[[and]]~~ wherein the diisocyanate is a blocked diisocyanate having the following formula



wherein R = linear, branched or cycloaliphatic C<sub>2</sub>-C<sub>20</sub> or aromatic C<sub>6</sub>-C<sub>20</sub> and B<sub>1</sub>, B<sub>2</sub> = caprolactam, imidazole, dimethyl-pyrazole, triazole, oxim, malonic acid ester, ethylacetylacetonate, phenol, cresol, aliphatic alcohol, secondary amine, or hydroxyl benzoic acid methyl ester, and wherein the polyamide or a mixture of polyamide and polyester of the low-molecular

weight feed polymer having a lower molecular weight comprises amino end groups.

2. (Previously Presented) Process according to Claim 1, wherein the blocked diisocyanate is present in an amount of 0.005 to 4 wt.% relative to the polyamide or the mixture of polyamide and polyester having a lower molecular weight.
3. (Previously Presented) Process of claim 1, wherein the melt mixing is done in an extruder.
4. (Original) Process of claim 3 wherein the extruder is a twin-screw extruder.
5. (Currently Amended) Process of claim 1, wherein the step of reacting the low-molecular weight feed polymer consisting of the polyamide or the mixture of polyamide and polyester with the diisocyanate achieves having a low molecular weight achieve a permanent increase in molecular weight of the low-molecular weight feed polymer within a reaction time of 2 minutes ~~reaction time with the diisocyanate.~~
6. (Currently Amended) Process of claim 1, wherein the high-molecular weight polyamide, ~~polyester, copolyester, copolyamide or polyester-amide block copolymer that is obtained~~ is a linear polymer.